

Form PTO-1449 (modified)

Atty. Docket No.  
P3357US1 (119-0042US)Application No.  
10/826,773

List of Patents and Publications for Applicant's

First Named Inventor/Applicant:  
John Harper / Apple Computer, Inc.

Examiner Name:

Matthew L. Lu *Chameli C. Dan*Filing Date:  
April 16, 2004

Group Art Unit:

~~2676~~ 2192INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

Sheet 1 of 1

## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
<i>CD</i>	A1	6,717,599	04/06/2004	Olano	<del>345</del>	<del>853</del>	06/29/2000
<i>CD</i>	A2	2003/174136-A1	09/18/2003	Emberling et al.	—	—	—
<i>CD</i>	A3	2002/118217-A1	08/29/2002	Fujiki	—	—	—
<i>CD</i>	A4	6,272,558	08/07/2001	Hui et al.	<del>709</del>	<del>328</del>	<del>10/06/1997</del>
<i>CD</i>	A5	6,006,231	12/21/1999	Popa	<del>707</del>	<del>101</del>	<del>09/10/1997</del>
<i>CD</i>	A6	5,490,246	02/06/1996	Brotsky et al.	<del>395</del>	<del>161</del>	<del>08/23/1994</del>

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
<i>CD</i>	B1	EP 1 383 080	01/21/2004	EP	—	—	—
<i>CD</i>	B2	WO 02/09039A	01/31/2002	WO	—	—	—
<i>CD</i>	B3	EP 0 694 879	01/31/1996	EP	—	—	—
<i>CD</i>	B4	EP 548 586 A	06/30/1993	EP	—	—	—

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
<i>CD</i>	C1	International Search report dated July 27, 2005 (PCT/US 05/008804; 119-0033WO)
<i>CD</i>	C2	International Search report dated August 8, 2005 (PCT/US 05/008805; 119-0034WO)
<i>CD</i>	C3	Haeberli, P. et al., "The Accumulation Buffer: Hardware Support for High-Quality Rendering," Computer Graphics, New York, NY, vol. 24, No. 4, Aug. 1, 1990, pgs. 309-318.

EXAMINER:

*Chameli C. Dan*

DATE CONSIDERED:

4/12/05

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

Form PTO-1449 (modified)				Atty. Docket No. P3357US1 (119-0042US)		Application No. 10/826,773	
List of Patents and Publications for Applicant's  <b>INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)				First Named Inventor/Applicant: John Harper / Apple Computer, Inc.			
				Examiner Name: Matthew Luu <i>charlie C Don</i>			
				Filing Date: April 16, 2004		Group Art Unit: <del>2676</del> 2192	
Sheet	1	of	1				

## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
CD	A1	5,651,107	7/22/97	Frank et al.	—	—	—
CD	A2	5,764,229	6/9/98	Paul Bennett	—	—	—
CD	A3	6,389,830	4/2/02	Brunner et al.	—	—	—
CD	A4	2002/0171682A1	11/21/02	Frank et al.	—	—	—
CD	A5	6,542,160	4/1/03	Abgrall	—	—	—
CD	A6	6,734,864	5/11/04	Abgrall	—	—	—
CD	A7	2004/0223003A1	11/11/04	Heirich et al.	—	—	—
CD	A8	2005/0088447A1	4/28/05	Haggie et al.	—	—	—
CD	A9	6,906,720	6/14/05	Emberling et al.	—	—	—
CD	A10	2005/0168471A1	8/4/05	Paquette	—	—	—

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1						

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	

EXAMINER:

*charlie C Don*

DATE CONSIDERED:

*4/12/06*

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INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

<b>Form PTO-1449 (modified)</b>  <b>List of Patents and Publications for Applicant's</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	<b>Atty. Docket No.:</b> <b>119-0042US</b>	<b>Serial No.</b> <b>10/826,773</b>
	<b>Applicant</b>  <b>John Harper</b>	
	<b>Title: System For Reducing The Number of Programs Necessary to Render an Image</b>	
	<b>Filing Date:</b> <b>April 16, 2004</b>	<b>Group:</b> <b>UNKNOWN 2192</b>
<b>U.S. Patent Documents</b> <b>See Page 1</b>	<b>Foreign Patent Documents</b> <b>See Page 2</b>	<b>Other Art</b> <b>See Page 3</b>

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Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
CD	A1	6,580,430	06/17/2003	Hollis, et al.	345/	473	
CD	A2	5,949,409	09/07/1999	Tanaka, et al.	345	549	
CD	A3	6,211,890	04/03/2001	Ohba	345	506	
CD	A4	6,707,462	03/16/2004	Peercy, et al.	345/	619	
CD	A5	5,388,201	02/07/1995	Hourvitz, et al.	345	794	
CD	A6	6,489,963	12/03/2003	Parikh, et al.	345	522	
CD	A7	6,577,317	06/10/2003	Duluk, Jr., et al.	345	506	
CD	A8	6,466,218	10/15/2002	Parikh, et al.	345	522	
CD	A9	6,031,937	02/29/2000	Graffagnino	382	236	
CD	A10	2002/0093516A1	07/18/2002	Brunner, et al.	345	629	
CD	A11	6,166,748	12/26/2000	Van Hook, et al.	345	522	
CD	A12	2003/0123739A1	09/05/2002	Graffagnino	382	236	
CD	A13	6,526,174	02/25/2003	Graffagnino	382	236	
CD	A14	5,933,148	08/03/1999	Oka, et al.	345	427	
CD	A15	6,614,444	09/02/2003	Duluk, Jr., et al.	345	581	
CD	A16	6,664,958	12/16/2003	Leather, et al.	345	422	
CD	A17	6,452,600	09/17/2002	Parikh, et al.	345	522	
CD	A18	6,697,074	02/24/2004	Parikh, et al.	345	522	
CD	A19	6,571,328	05/27/2003	Liao, et al.	712	35	
CD	A20	6,246,418	06/12/2001	Oka	345	441	
CD	A21	6,369,823	04/09/2002	Ohba	345	506	
CD	A22	6,456,290	09/24/2002	Parikh, et al.	345	522	

**EXAMINER:** *Chand. C. Dan*
**DATE CONSIDERED:** *4/12/06*

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	119-0042US	10/826,773
	Applicant	
	John Harper	
Title: System For Reducing The Number of Programs Necessary to Render an Image		
Filing Date:		Group:
April 16, 2004		UNKNOWN 2192
U.S. Patent Documents See Page 1	Foreign Patent Documents See Page 2	Other Art See Page 3

### U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
CD	A23	6,664,962	12/16/2003	Komsthoef, et al	345	426	—
CD	A24	6,369,830	04/09/2002	Brunner, et al.	345	629	—
CD	A25	6,639,595	10/28/2003	Drebin, et al.	345	426	—
CD	A26	6,411,301	06/25/2002	Parikh, et al.	345	522	—
CD	A27	5,793,376	08/11/1998	Tanaka, et al.	345	582	—
CD	A28	6,636,214	10/21/2003	Leather, et al.	345	422	—
CD	A29	6,421,058	07/16/2002	Parikh, et al	345	522	—
CD	A30	2002/0174181A1	11/21/2002	Wei	709	204	—
CD	A31	6,618,048	09/09/2003	Leather	345	422	—
CD	A32	6,609,977	08/26/2003	Shimizu, et al.	463	36	—
CD	A33	6,424,348	07/23/2002	Parikh	345	522	—
CD	A34	6,075,543	06/13/2000	Akeley	345	539	—
CD	A35	6,674,438	01/06/2004	Yamamoto, et al.	345	501	—
CD	A36						
	A37						

### Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
CD	B1	WO 98/45815	10/15/1998	WIPO	G06T	15/70	Yes
CD	B2	WO 2004-027707A2	04/01/2004	WIPO	G06T	1/00	Yes (Abstract Only)
CD	B3	EP 0 972 273 B1	24.03.2004	EPO	G06T 15	70	yes
	B4						

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	Applicant <b>John Harper</b>	
	Title: <b>System For Reducing The Number of Programs Necessary to Render an Image</b>	
	Filing Date: <b>April 16, 2004</b>	Group: <b>UNKNOWN 219 2</b>
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 2</i>	Other Art <i>See Page 3</i>

### Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
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### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
CD	C1	nVIDIA, "Cg - Teaching Cg" Power Point Presentation, Author and date unknown.
CD	C2	Shantzis, "A Model for Efficient and Flexible Image Computing" Computer Graphics Proceedings, Annual Conference Series, 1994, pp. 147 - 154.
CD	C3	Akeley, et al., "Real-Time Graphics Architecture" <a href="http://www.graphics.stanford.edu/courses/cs448a-01-fall">http://www.graphics.stanford.edu/courses/cs448a-01-fall</a> , The OpenGL® Graphics System - CS448 Lecture 15, Fall 2001, pp. 1 - 20.
CD	C4	Gelder, et al., "Direct Volume Rendering with Shading via Three-Dimensional Textures" Computer Science Dept., Univ. of California, Santa Cruz, CA 95064.
CD	C5	Elliott, "Programming Graphics Processors Functionally,"
CD	C6	Segal, et al., "The OpenGL® Graphics System: A Specification (Version 1.5)" Copyright © 1992-2003 Silicon Graphics, Inc., October 30, 2003
CD	C7	

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